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(54) Title: PHARMACEUTICAL PREPARATION CONTAINING OXYCODONE AND NALOXONE

(57) Abstract: The invention concerns a storage stable pharmaceutical preparation comprising oxycodone and naloxone for use in pain therapy, with the active compounds being released from the preparation in a sustained, invariant and independent manner.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K9/16 A61K9/20 A61K9/22 A61K31/485

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 32119 A (EURO CELTIQUE SA ;KAIKO ROBERT F (US); COLUCCI ROBERT D (US)) 1 July 1999 (1999-07-01) abstract page 23, line 1 -page 23, line 35 page 25, line 7 -page 25, line 27 page 30, line 30 -page 33, line 33 page 34, line 23 -page 35, line 6 claims 1,7	1-32
X	WO 99 32120 A (EURO CELTIQUE SA ;PALERMO PHILIP (US)) 1 July 1999 (1999-07-01) abstract page 17, line 16 -page 18, line 6 page 28, line 19 -page 31, line 15 page 32, line 10 -page 33, line 8 claim 1	1-32



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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03 007802 A (EURO CELTIQUE SA ; WRIGHT CURTIS (US); BREDER CHRISTOPHER D (US); C) 30 January 2003 (2003-01-30) abstract page 11, paragraph 4 -page 11, last paragraph page 15, paragraph 1 -page 16, paragraph 3 page 18, last paragraph -page 19, paragraph 1	1-4, 6-32
X	US 4 457 933 A (GORDON MAXWELL ET AL) 3 July 1984 (1984-07-03) the whole document	1-7, 11-13, 28-32
X	GB 1 390 772 A (ENDO LAB) 16 April 1975 (1975-04-16) the whole document	1-7, 11-13, 28-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/03540

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9932119	A	01-07-1999	AU 2008499 A BR 9813827 A CA 2314893 A1 CN 1303287 T EP 1041987 A1 HU 0102658 A2 JP 2001526228 T NO 20003277 A NZ 505193 A PL 342429 A1 TR 200001942 T2 WO 9932119 A1 US 6277384 B1 US 2003031712 A1 US 6375957 B1 US 2002013301 A1 US 2002058673 A1	12-07-1999 10-10-2000 01-07-1999 11-07-2001 11-10-2000 28-03-2002 18-12-2001 21-08-2000 28-03-2003 04-06-2001 21-11-2000 01-07-1999 21-08-2001 13-02-2003 23-04-2002 31-01-2002 16-05-2002
WO 9932120	A	01-07-1999	AU 755790 B2 AU 2089999 A BR 9813826 A CA 2314896 A1 CN 1284879 T EP 1041988 A1 HU 0100310 A2 JP 2001526229 T NO 20003278 A NZ 505192 A PL 341309 A1 TR 200001828 T2 WO 9932120 A1 US 6228863 B1 US 2002004509 A1	19-12-2002 12-07-1999 10-10-2000 01-07-1999 21-02-2001 11-10-2000 28-06-2001 18-12-2001 22-08-2000 30-05-2003 09-04-2001 21-11-2000 01-07-1999 08-05-2001 10-01-2002
WO 03007802	A	30-01-2003	WO 03007802 A2 US 2003069263 A1	30-01-2003 10-04-2003
US 4457933	A	03-07-1984	NONE	
GB 1390772	A	16-04-1975	DE 2222039 A1 FR 2137560 A5	23-11-1972 29-12-1972